

FILE 'MEDLINE' ENTERED AT 08:49:58 ON 25 SEP 2006

L1 242 S DNA, CATALYTIC/CT
L2 9974 S BIOSENSING TECHNIQUES+NT/CT
L4 3613 S LU Y?/AU
L5 9539 S LIU J?/AU
L6 851 S COLLOIDAL PARTICLE
L7 96 S L4 AND L5
L8 8 S L7 AND L1
L9 6 S L8 AND PY<2005
L10 5 S L8 AND L2 AND PY<2005
L11 4 S L8 AND L*** AND PY<2005
L12 5 S (L4 OR L5) AND L2 AND L*** AND PY<2005
L14 13491 S COLORIMETRY/CT
L15 4 S (L4 OR L5) AND L1 AND L14 AND PY<2005
L16 9 S L8-L12 OR L15
L17 4 S L8 AND L14 AND PY<2005
L18 5 S (L4 OR L5) AND L2 AND L14 AND PY<2005
L19 9 S L8,L9,L10,L15,L16,L17,L18
L20 4 S L1 AND L14
L21 0 S L1 AND L6
L22 60 S L2 AND L14
L23 0 S L22 AND L6

FILE 'REGISTRY' ENTERED AT 09:22:03 ON 25 SEP 2006

• E PBII/MF
E PB2/MF
L24 7 S PB2/MF
E LEAD/CN
L25 1 S LEAD/CN
E MERCURY/CN
E MERCURY/CN
L26 1 S MERCURY/CN
E HGII/MF
E HG2/MF
L27 10 S HG2/MF
E AS3/MF
L28 5 S AS3/MF
E ARSENIC/CN
L29 1 S ARSENIC/CN
E UO2/MF
E URANIUM DIOXIDE/CN
L30 1 S URANIUM DIOXIDE/CN
E FEIII/MF
E FE3/MF
L31 4 S FE3/MF
E IRON/CN
L32 1 S IRON/CN
E ZN2/MF
L33 7 S ZN2/MF
E ZINC/CN
L34 1 S ZINC/CN
E COPPER III/CN
E COPPER/CN
L35 1 S COPPER/CN
L36 1 S COBALT/CN

FILE 'MEDLINE' ENTERED AT 09:44:02 ON 25 SEP 2006

L37 36450 S L24-L30

L38 116825 S L31-L36
L39 6 S L22 AND (L37 OR L38)
L40 18 S L1 AND (L37 OR L38)
L41 6 S L2 AND L14 AND (L37 OR L38)
L42 207 S L2 AND (L37 OR L38)
L43 3171 S L2(L)MT/CT
L44 88 S L43 AND (L37 OR L38)
L45 1954 S L43/MAJ
L46 63 S L45 AND (L37 OR L38)
E METALS/CT
E E3+ALL
L47 637774 S METALS+NT/CT
L48 344 S L45 AND L47
L49 49 S L47/MAJ AND L46
L50 51 S L1 AND L47
L51 22 S L20,L39,L40,L41
L52 15 S L51 AND PY<2005
L53 38 S L49 AND PY<2005
L54 36 S L53 NOT (L15 OR L19)
L55 31 S L54 AND AN/CT

=> D HIS NOFILE

(FILE 'HOME' ENTERED AT 17:13:53 ON 25 SEP 2006)

FILE 'STNGUIDE' ENTERED AT 17:14:00 ON 25 SEP 2006

FILE 'HCAPLUS' ENTERED AT 17:15:03 ON 25 SEP 2006

ACT PAN825HC1AU/A

L1 (638) SEA ABB=ON PLU=ON RIBOZYMES/CT (L) DEOXY/OBI
L2 (1021) SEA ABB=ON PLU=ON ENZYMES/CT (L) NUCLEIC ACID/OBI
L3 (5827) SEA ABB=ON PLU=ON COLORIMETRY+OLD/CT
L4 (18694) SEA ABB=ON PLU=ON BIOSENSORS/CT
L5 (3834) SEA ABB=ON PLU=ON COLLOIDAL PARTICLE/OBI
L6 (46) SEA ABB=ON PLU=ON ((L4 OR L5)) AND ((L1 OR L2))
L7 (9) SEA ABB=ON PLU=ON L6 AND L3
L8 (6) SEA ABB=ON PLU=ON L7 AND PATENT/DT
L9 (3) SEA ABB=ON PLU=ON L7 NOT L8
L10 (3 SEA ABB=ON PLU=ON (L8 OR L9) AND (PRY<2003 OR PY<2003)

ACT PAN825HC2AU/A

L11 (638) SEA ABB=ON PLU=ON RIBOZYMES/CT (L) DEOXY/OBI
L12 (33079) SEA ABB=ON PLU=ON LIU J?/AU
L13 (12671) SEA ABB=ON PLU=ON LU Y?/AU
L14 (20) SEA ABB=ON PLU=ON L13 AND L12 AND L11
L15 (5) SEA ABB=ON PLU=ON L14 AND PATENT/DT
L16 (15) SEA ABB=ON PLU=ON L14 NOT L15
L17 (6 SEA ABB=ON PLU=ON (L15 OR L16) AND (PRY<2004 OR PY<2004)

FILE 'MEDLINE' ENTERED AT 17:15:12 ON 25 SEP 2006

ACT PAN825MD1AU/A

L18 (242) SEA ABB=ON PLU=ON DNA, CATALYTIC/CT
L19 (9974) SEA ABB=ON PLU=ON BIOSENSING TECHNIQUES+NT/CT
L20 (13491) SEA ABB=ON PLU=ON COLORIMETRY/CT
L21 (3613) SEA ABB=ON PLU=ON LU Y?/AU
L22 (9539) SEA ABB=ON PLU=ON LIU J?/AU
L23 (96) SEA ABB=ON PLU=ON L21 AND L22
L24 (8) SEA ABB=ON PLU=ON L23 AND L18
L25 (6) SEA ABB=ON PLU=ON L24 AND PY<2005
L26 (5) SEA ABB=ON PLU=ON L24 AND L19 AND PY<2005
L27 (4) SEA ABB=ON PLU=ON L24 AND L20 AND PY<2005
L28 (5) SEA ABB=ON PLU=ON (L21 OR L22) AND L19 AND L20 AND PY<2005
L29 (13491) SEA ABB=ON PLU=ON COLORIMETRY/CT
L30 (4) SEA ABB=ON PLU=ON (L21 OR L22) AND L18 AND L29 AND PY<2005
L31 (9) SEA ABB=ON PLU=ON (L24 OR L25 OR L26 OR L27 OR L28) OR L30
L32 (4) SEA ABB=ON PLU=ON L24 AND L29 AND PY<2005
L33 (5) SEA ABB=ON PLU=ON (L21 OR L22) AND L19 AND L29 AND PY<2005
L34 (9 SEA ABB=ON PLU=ON (L24 OR L25 OR L26 OR L30 OR L31 OR L32 OR
L33)

FILE 'WPIX' ENTERED AT 17:15:18 ON 25 SEP 2006

ACT PAN825WX1AU/A

L35 (5410) SEA ABB=ON PLU=ON LIU J?/AU
L36 (1940) SEA ABB=ON PLU=ON LU Y?/AU
L37 (80017) SEA ABB=ON PLU=ON DNA/BI, ABEX OR CATALYTIC/BI, ABEX (A) DNA/BI, A

BEX OR DNAZYMES/BI, ABEX OR DEOXYRIBOZYME/BI, ABEX
 L38 (9224) SEA ABB=ON PLU=ON COLORIMET?/BI, ABEX OR BIOSENS?/BI, ABEX
 L39 (136) SEA ABB=ON PLU=ON ((L35 OR L36)) AND L37
 L40 (4) SEA ABB=ON PLU=ON L39 AND L38
 L41 (118) SEA ABB=ON PLU=ON L39 AND PRY<2004
 L42 (4) SEA ABB=ON PLU=ON L35 AND L36 AND L37
 L43 (1) SEA ABB=ON PLU=ON LEAD/CN
 L44 (803) SEA ABB=ON PLU=ON R07387/DCN OR 99213-0-0-0/DCRE
 L45 (1) SEA ABB=ON PLU=ON MERCURY/CN
 L46 (645) SEA ABB=ON PLU=ON R07385/DCN OR 132-0-0-0/DCRE
 L47 (1) SEA ABB=ON PLU=ON ARSENIC/CN
 L48 (595) SEA ABB=ON PLU=ON R01667/DCN OR 87780-0-0-0/DCRE
 L49 (1) SEA ABB=ON PLU=ON URANIUM DIOXIDE/CN
 L50 (127) SEA ABB=ON PLU=ON R06900/DCN OR 130561-0-0-0/DCRE
 L51 (2) SEA ABB=ON PLU=ON IRON/CN
 L52 (1366) SEA ABB=ON PLU=ON R01729/DCN OR 115-0-0-0/DCRE
 L53 (5) SEA ABB=ON PLU=ON ZINC/CN
 L54 (10787) SEA ABB=ON PLU=ON (RA2XAQ OR R01741 OR RA046W OR R03477 OR
 RA25P3 OR R01520 OR R03035)/DCN
 L55 (6461) SEA ABB=ON PLU=ON (341630-0-1-0 OR 110858-0-0-0 OR 110846-1-0
 -0 OR 866-0-0-0 OR 113-0-0-0)/DCRE
 L56 (1) SEA ABB=ON PLU=ON COPPER/CN
 L57 (4394) SEA ABB=ON PLU=ON R05099/DCN OR 70-0-0-0/DCRE
 L58 (1) SEA ABB=ON PLU=ON COBALT/CN
 L59 (2744) SEA ABB=ON PLU=ON R03034/DCN OR 587-0-0-0/DCRE
 L60 (4) SEA ABB=ON PLU=ON L41 AND ((L43 OR L44 OR L45 OR L46 OR L47
 OR L48 OR L49 OR L50 OR L51 OR L52 OR L53 OR L54 OR L55 OR L56
 OR L57 OR L58 OR L59))
 L61 8 SEA ABB=ON PLU=ON L40 OR L42 OR L60

 ACT PAN825WX2AU/A

 L62 (5410) SEA ABB=ON PLU=ON LIU J?/AU
 L63 (1940) SEA ABB=ON PLU=ON LU Y?/AU
 L64 (20) SEA ABB=ON PLU=ON L62 AND L63
 L65 (12) SEA ABB=ON PLU=ON L64 AND PRY<2004
 L66 3 SEA ABB=ON PLU=ON L65 AND NUCLEIC ACID/TI

FILE 'HCAPLUS' ENTERED AT 17:16:05 ON 25 SEP 2006

D QUE L10

D QUE L17

L67 9 SEA ABB=ON PLU=ON L10 OR L17

FILE 'MEDLINE' ENTERED AT 17:16:57 ON 25 SEP 2006

D QUE L34

FILE 'WPIX' ENTERED AT 17:17:11 ON 25 SEP 2006

D QUE L61

D QUE L66

L68 9 SEA ABB=ON PLU=ON L61 OR L66

FILE 'MEDLINE, WPIX, HCAPLUS' ENTERED AT 17:18:34 ON 25 SEP 2006

L69 21 DUP REM L34 L68 L67 (6 DUPLICATES REMOVED)

ANSWERS '1-9' FROM FILE MEDLINE

ANSWERS '10-18' FROM FILE WPIX

ANSWERS '19-21' FROM FILE HCAPLUS

D IALL 1-9

D IALL ABEQ TECH 10-18

D IBIB ED ABS 19-21

FILE 'HCAPLUS' ENTERED AT 17:21:21 ON 25 SEP 2006
ACT PAN825HC1/A

L70 (1) SEA ABB=ON PLU=ON LEAD/CN
L71 (7) SEA ABB=ON PLU=ON PB2/MF
L72 (1) SEA ABB=ON PLU=ON MERCURY/CN
L73 (10) SEA ABB=ON PLU=ON HG2/MF
L74 (1) SEA ABB=ON PLU=ON ARSENIC/CN
L75 (5) SEA ABB=ON PLU=ON AS3/MF
L76 (1) SEA ABB=ON PLU=ON URANIUM DIOXIDE/CN
L77 (1) SEA ABB=ON PLU=ON IRON/CN
L78 (4) SEA ABB=ON PLU=ON FE3/MF
L79 (1) SEA ABB=ON PLU=ON ZINC/CN
L80 (7) SEA ABB=ON PLU=ON ZN2/MF
L81 (1) SEA ABB=ON PLU=ON COPPER/CN
L82 (13) SEA ABB=ON PLU=ON CU2/MF
L83 (1) SEA ABB=ON PLU=ON COBALT/CN
L84 (638) SEA ABB=ON PLU=ON RIBOZYMES/CT (L) DEOXY/OBI
L85 (1021) SEA ABB=ON PLU=ON ENZYMES/CT(L) NUCLEIC ACID/OBI
L86 (5827) SEA ABB=ON PLU=ON COLORIMETRY+OLD/CT
L87 (18694) SEA ABB=ON PLU=ON BIOSENSORS/CT
L88 (60) SEA ABB=ON PLU=ON ((L84 OR L85)) AND ((L86 OR L87))
L89 (24) SEA ABB=ON PLU=ON ((L84 OR L85)) AND L86
L90 (20) SEA ABB=ON PLU=ON L89 AND PATENT/DT
L91 (16) SEA ABB=ON PLU=ON L90 AND PRY<2004
L92 (4) SEA ABB=ON PLU=ON L89 NOT L90
L93 (1) SEA ABB=ON PLU=ON L92 AND PY<2004
L94 (1243551) SEA ABB=ON PLU=ON (L70 OR L71 OR L72 OR L73 OR L74 OR L75 OR
L76 OR L77 OR L78 OR L79 OR L80 OR L81 OR L82 OR L83)
L95 (21) SEA ABB=ON PLU=ON L88 AND L94
L96 (8) SEA ABB=ON PLU=ON L95 AND PATENT/DT
L97 (13) SEA ABB=ON PLU=ON L95 NOT L96
L98 (10) SEA ABB=ON PLU=ON (L96 OR L97) AND (PRY<2004 OR PY<2004)
L99 (25) SEA ABB=ON PLU=ON (L91 OR L93 OR L98)
L100 (10) SEA FILE=HCAPLUS ABB=ON PLU=ON L84 AND L86
L101 (6) SEA FILE=HCAPLUS ABB=ON PLU=ON L100 AND PATENT/DT
L102 (4) SEA FILE=HCAPLUS ABB=ON PLU=ON L100 NOT L101
L103 (4) SEA FILE=HCAPLUS ABB=ON PLU=ON (L101 OR L102) AND (PRY<2004 OR
L104 (25) SEA ABB=ON PLU=ON (L99 OR L103)

FILE 'WPIX' ENTERED AT 17:21:28 ON 25 SEP 2006
ACT PAN825WX1/A

L105 (5410) SEA FILE=WPIX ABB=ON PLU=ON LIU J?/AU
L106 (1940) SEA FILE=WPIX ABB=ON PLU=ON LU Y?/AU
L107 (19) SEA FILE=WPIX ABB=ON PLU=ON D05-H12D7/MC
L108 (9) SEA FILE=WPIX ABB=ON PLU=ON L107 AND PRY<2004
L109 (9224) SEA FILE=WPIX ABB=ON PLU=ON COLORIMET?/BI, ABEX OR BIOSENS?/BI
L110 (1) SEA FILE=WPIX ABB=ON PLU=ON LEAD/CN
L111 (803) SEA FILE=WPIX ABB=ON PLU=ON R07387/DCN OR 99213-0-0-0/DCRE
L112 (1) SEA FILE=WPIX ABB=ON PLU=ON MERCURY/CN
L113 (645) SEA FILE=WPIX ABB=ON PLU=ON R07385/DCN OR 132-0-0-0/DCRE
L114 (1) SEA FILE=WPIX ABB=ON PLU=ON ARSENIC/CN
L115 (595) SEA FILE=WPIX ABB=ON PLU=ON R01667/DCN OR 87780-0-0-0/DCRE
L116 (1) SEA FILE=WPIX ABB=ON PLU=ON URANIUM DIOXIDE/CN
L117 (127) SEA FILE=WPIX ABB=ON PLU=ON R06900/DCN OR 130561-0-0-0/DCRE
L118 (2) SEA FILE=WPIX ABB=ON PLU=ON IRON/CN
L119 (1366) SEA FILE=WPIX ABB=ON PLU=ON R01729/DCN OR 115-0-0-0/DCRE

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L120(      5) SEA FILE=WPIX ABB=ON  PLU=ON  ZINC/CN
L121( 10787) SEA FILE=WPIX ABB=ON  PLU=ON  (RA2XAQ OR R01741 OR RA046W OR R0
L122( 6461) SEA FILE=WPIX ABB=ON  PLU=ON  (341630-0-1-0 OR 110858-0-0-0 OR
L123( 1) SEA FILE=WPIX ABB=ON  PLU=ON  COPPER/CN
L124( 4394) SEA FILE=WPIX ABB=ON  PLU=ON  R05099/DCN OR 70-0-0-0/DCRE
L125( 1) SEA FILE=WPIX ABB=ON  PLU=ON  COBALT/CN
L126( 2744) SEA FILE=WPIX ABB=ON  PLU=ON  R03034/DCN OR 587-0-0-0/DCRE
L127( 185) SEA FILE=WPIX ABB=ON  PLU=ON  DNA ENZYME/BI, ABEX OR CATALYTIC/B
L128( 20) SEA FILE=WPIX ABB=ON  PLU=ON  L105 AND L106
L129( 12) SEA FILE=WPIX ABB=ON  PLU=ON  L128 AND PRY<2004
L130( 3) SEA FILE=WPIX ABB=ON  PLU=ON  L129 AND NUCLEIC ACID/TI
L131( 7) SEA FILE=WPIX ABB=ON  PLU=ON  L127 AND L109
L132( 169) SEA FILE=WPIX ABB=ON  PLU=ON  NUCLEIC ACID ENZYME/BI, ABEX
L133( 46) SEA FILE=WPIX ABB=ON  PLU=ON  (L132 OR L127) AND POLYNUCLEOTIDE
L134( 1006972) SEA FILE=WPIX ABB=ON  PLU=ON  (GOLD/BI, ABEX OR AU/BI, ABEX OR ME
L135( 10) SEA FILE=WPIX ABB=ON  PLU=ON  L133 AND L134
L136( 7) SEA FILE=WPIX ABB=ON  PLU=ON  L135 AND PRY<2004
L137( 3) SEA FILE=WPIX ABB=ON  PLU=ON  L136 AND (NUCLEIC ACID ENZYME OR
L138( 2) SEA FILE=WPIX ABB=ON  PLU=ON  L108 AND (COLLOID/BI, ABEX OR L134
L139 12 SEA ABB=ON  PLU=ON  (L137 OR L138 OR L130 OR L131)
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FILE 'HCAPLUS' ENTERED AT 17:21:55 ON 25 SEP 2006

L140 18 SEA ABB=ON PLU=ON L104 NOT L67

FILE 'WPIX' ENTERED AT 17:23:38 ON 25 SEP 2006

L141 8 SEA ABB=ON PLU=ON L139 NOT L68

FILE 'WPIX, HCAPLUS' ENTERED AT 17:24:23 ON 25 SEP 2006

L142 26 DUP REM L141 L140 (0 DUPLICATES REMOVED)
 ANSWERS '1-8' FROM FILE WPIX
 ANSWERS '9-26' FROM FILE HCAPLUS
 D IALL ABEQ TECH 1-8
 D IBIB ED ABS 9-26

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